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(54) Title: C-TERMINAL p53 PALINDROMIC PEPTIDE THAT INDUCES APOPTOSIS OF CELLS WITH ABERRANT p53 AND USES THEREOF

(57) Abstract: Disclosed are polypeptides comprising a first segment of continuous amino acids having the sequence AQAGKEPG-GSRAHSSHLKSKKGQSTSRRHKKLMFKTEGPDS (SEQ ID N0. 1) covalently linked to a second segment of continuous amino acids having the sequence DSDPGETKFMLKKHRSTSQGKSKLHSSHARSGGPEKGAQA (SEQ ID N0. 2), or at least two of each covalently linked to each other. The polypeptides are shown to induce apoptosis of cancer cells that contain mutant p53 or over-expressed wild-type p53.